

Electronic Patent Application Fee Transmittal

Application Number:	10801208
Filing Date:	16-Mar-2004
Title of Invention:	Methods of manufacturing semiconductor devices having a ruthenium layer via automatic layer deposition
First Named Inventor/Applicant Name:	Kwang-hee Lee
Filer:	D. Randal Ayers/Michele McMahan
Attorney Docket Number:	5649-1277

Filed as Large Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180